

CLAIMS LISTING

1(currently amended). A display comprising a plurality of display tiles, each tile comprising a portion to support a display region incorporating an Organic Light Emitting Device (OLED) material, said OLED material comprising with a plurality of 5 separately addressable pixel elements, wherein the portion is at a tilt angle $\underline{\theta}_c$ of less than 12° to the main plane of the display wherein:

$$\underline{\theta}_c = \tan^{-1} \left[\frac{\sqrt{l^2 + w^2}}{3t} \right]$$

l being the tile length, w being the tile width and t being the tile thickness.

2(previously presented). A display comprising a plurality of display tiles, each tile 10 comprising a portion to support a display region incorporating an Organic Light Emitting Device (OLED) material with a plurality of separately addressable pixel elements, wherein the portion is at a tilt angle θ to the main plane of the display comprising a compound angle θ_c , having a nonzero horizontal tilt angle θ_h and a nonzero vertical tilt angle θ_v , wherein:

$$15 \quad \theta_c = \tan^{-1} \left[\frac{\sqrt{l^2 + w^2}}{3t} \right]$$

l being the tile length, w being the tile width and t being the tile thickness.

3(cancelled).

4(currently amended). A display according to Claim 2 wherein a first the portion is at a compound tilt angle θ_c , which is in the range 0.5° to 12°.

20 5(currently amended). A display according to Claim 2 wherein a first the portion is at a compound tilt angle θ_c , which is in the range 0.5° to 6°.

6(currently amended). A display according to Claim 2 wherein a first the portion is at a compound angle θ_c in the range 3.0° to 3.4°.

7(currently amended). A display according to Claim 2 wherein ~~a first~~ the portion is at a horizontal tilt angle θ_h of less than 3°.

8(currently amended). A display according to Claim 2 wherein ~~a first~~ the portion is at a vertical tilt angle θ_v of less than 3.5°.

5 9(currently amended). A display according to Claim 2 wherein a first portion and ~~the~~ a second portion of a tile are in substantially parallel planes.

10(previously presented). A display according to Claim 2 wherein a first and second portions of a tile are in a stepped relationship.

10 11(previously presented). A display according to Claim 2 wherein a first and second portions of a tile are arranged generally in a U-shape.

12(previously presented). A display according to Claim 2 wherein a second portion incorporates wiring and/or electrical connections.

13(currently amended). A display according to Claim 2 wherein ~~a first~~ the portion comprises a tile to hold a glass panel of an OLED panel element.

15 14(currently amended). A display according to Claim 2 wherein ~~a first~~ the portion comprises a moulded holder of plastic material.

15(previously presented). A display according to Claim 2 comprising heat seal means to ensure high integrity connection of the display to drive electronics.

20 16(previously presented). A display according to Claim 2 wherein the pixel elements have integral means to generate illumination.

17(previously presented). A display according to Claim 2 comprising means to effect back lighting illumination of a plurality of pixel elements.

18(currently amended). A display according to Claim 2 comprising a plurality of display regions, each incorporating Organic Light Emitting Device (OLED) material, each region comprising ~~a~~ a plurality of separately addressable pixel elements.; and

5 ~~b. one or more of the display region(s) overlying a portion of one of more adjacent display region(s) wherein a first portion and a second portion of a tile are not in the same plane and the first portion is at a tilt angle θ to the main plane of the display for the second portion to underlie part of another tile.~~

19(previously presented). A display according to Claim 2 wherein one or more further display regions overlie part of another display region(s).

10 20(previously presented). A display array according to Claim 2 wherein portions of display areas which lie underneath other display areas incorporate at least one of wiring or electrical connections.

15 21(previously presented). A display according to Claim 2 comprising a plurality of display regions which overlie part of a display region of at least one of a laterally or orthogonally adjacent display region.

22(presently amended). A display according to Claim 2 wherein the display regions form a substantially continuous array over a display surface over the array.

23(previously presented). A display according to Claim 2 comprising a plurality of OLED pixel array tiles.

20 24(canceled).

25(previously presented). A display according to Claim 2 comprising a plurality of electronic paper tiles.

26(previously presented). A display according to Claim 2 wherein a substrate comprises a passive matrix display device.

27(previously presented). A display according to Claim 2 wherein the main plane of the display comprises a plane incorporating the nearest point of each OLED display first 5 portion to an observer of the display.

28(presently amended). A display comprising a plurality of display tiles, each of said display tiles further including:

a. a support member;

b. a printed circuit board positioned on said support member;

10 c. a panel having an OLED element operatively connected to said circuit board at a compound tilt angle θ_c to the main plane of the display for the printed circuit board to underlie part of another tile, said compound tilt angle θ_c , comprising a nonzero horizontal tilt angle θ_h and a nonzero vertical tilt angle θ_v ; and

d. wherein said display tiles are positioned in an overlapping array to form a substantially two 15 three dimensional display.

29(presently amended). A display comprising a plurality of display tiles forming a main plane of said display, each of said display tiles further comprising:

a. a support member;

b. an OLED element operatively connected to said support member at a compound tilt angle θ_c 20 to said main plane of said display, said compound tilt angle θ_c , comprising a nonzero horizontal tilt angle θ_h and a nonzero vertical tilt angle θ_v ; and

c. wherein said display tiles are positioned such that said OLED elements are an overlapping array forming a substantially two three dimensional display.

30(new). A display according to Claim 29, wherein said compound tilt angle θ_c is in the 25 range 0.5° to 6°.

31(new). A display according to Claim 29, further comprising a plurality of display regions, each incorporating Organic Light Emitting Device (OLED) material, each

region comprising a plurality of separately addressable pixel elements.

32(new). A display array according to Claim 29, wherein portions of display areas which lie underneath other display areas incorporate at least one of wiring or electrical connections.

5 33(new). A display according to Claim 29, wherein said display tiles overlie part of a display region of at least one of a laterally or orthogonally adjacent display tile.

34(new). A display according to Claim 29, further comprising a plurality of electronic paper tiles.

10 35(new). A display according to Claim 29, wherein a substrate comprises a passive matrix display device.

36(new). A display according to Claim 29, wherein each tile comprises a portion to support a display region and the main plane of the display comprises a plane incorporating the nearest point of each OLED portion to an observer of the display.